

Highlights, shadows, fast action — all captured true.

PX200i 4K HDR AI PTZ Camera



50MP Sensor

HDR10 BT.2020

20× Optical zoom

12G-SDI 4K60



50MP + HDR10

A 1/1.55" 50MP sensor outputs 4K at 60 fps. HDR10, BT.2020 and 10-bit color keep detail in bright stage lights and dark seating.



20× Zoom + Hybrid AF

60.5° at the wide end, 20× optical zoom for presenter close-ups from across the room. CDAF + PDAF focus locks on fast.



AI Presenter Tracking

ReID + FaceID recognize the presenter by build, posture and clothing, and keep the same person centered against busy backgrounds.



12G-SDI 4K60 Output

One coax cable carries 4K60. Also HDMI 2.0, 3G-SDI and USB 3.0 Type-C for video calls; streams over NDI 6 (NDI|HX3), SRT and RTMP.



1080P at 120 fps

HDMI and 12G-SDI output 1080P at up to 120 fps for smooth sports, fast action and stutter-free slow motion.



Tally & Filter Mount

Front and rear tally lights with adjustable brightness. Built-in mount for ND and CPL filters. PoE+ powers it over one cable.

Design & Specifications

PX200i AI-Tracking PTZ



Model	PX200i
CAMERA	
Video Output	HDMI / 12G-SDI: 4KP60/50/30/25/59.94/29.97, 1080P120/60/50/59.94/30/29.97, 720P60/59.94 3G-SDI: 1080P60/50/30/29.97/59.94/25, 1080I60/50/59.94, 720P60/59.94
Image Sensor	1/1.55" CMOS, 50MP total pixels, progressive scan
Lens	20× optical zoom, f = 6.55–126 mm, F1.8–F4.5; 16× digital zoom; CDAF + PDAF hybrid autofocus
Field of View	Horizontal 60.5°–3.49°; Vertical 36.6°–1.99°
Min. Illumination	0.5 Lux (F1.8, AGC ON)
Shutter	1/30–1/10000 s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Image Processing	HDR10, BT.2020 wide color gamut, 10-bit color depth, backlight compensation, 3D digital noise reduction
SNR	≥ 55 dB
Flip / Freeze	Horizontal / vertical flip, image freeze
PAN / TILT	
Pan Range & Speed	±170°, 1.7°–100°/s
Tilt Range & Speed	–30° to +90°, 1.7°–69.9°/s
Presets	255, accuracy 0.1°
SMART FEATURES	
AI Tracking	ReID + FaceID presenter tracking
Tally Lights	1 front, 1 rear, adjustable brightness
Filter Mount	Built-in, for ND and CPL filters
USB	
USB Video / Audio	USB 3.0 Type-C, UVC 1.1, UVC PTZ control, USB audio
Color Space / Comp.	YUY2 (up to 1080P30); H.264, MJPEG (up to 4KP60)
Operating System	Windows 8 / 10 / 11, macOS, Linux 2.4.6 or later, Android (UVC)
NETWORK	
Video Compression	H.264 / H.265 / MJPEG; main and sub streams; main stream 32–51200 kbps
Protocols	NDI 6 (NDI HX3), SRT, RTMP, RTSP, ONVIF, HTTP, DHCP, Multicast
Frame Rate / Audio	50Hz: 1–50 fps; 60Hz: 1–60 fps; AAC 96 / 128 kbps
INTERFACE	
Video Output	1 × HDMI 2.0; 1 × 12G-SDI (SMPTE ST 2082); 1 × 3G-SDI (SMPTE 424M)
Network	1 × RJ-45, 10/100/1000 Mbps
USB	1 × USB 3.0 Type-C (audio & video); 1 × USB 2.0 Type-A (host)
Audio	Line In, Line Out (3.5 mm)
Control	RS-422 IN / RS-485, RS-422 OUT (RJ-45, up to 1200 m); VISCA / Pelco-D / Pelco-P
Other	Micro SD slot, Restore button, DC 12V (JEITA)
GENERAL	
Power	DC 12V / PoE+ (802.3at), 2A
Temperature	Operating 0–40°C; storage –40–60°C
Dimensions (W×D×H)	170 × 196 × 228 mm
Weight	2.3 kg



* Specifications and design are subject to change without notice.
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PX200i Brochure EN V2.0_202610